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/*   Time-stamp: <mysymrec.h (1997/09/10, 18:13:54) by alair at i
me.usp.br)>   */

/* Data type for links in the chain of symbols.      */
struct symrec
{
  char *name;  /* name of symbol                     */
  int type;    /* type of symbol: either VAR or FNCT */
  union {
    double var;           /* value of a VAR          */
    double (*fnctptr)();  /* value of a FNCT         */
  } value;
  struct symrec *next;    /* link field              */
};

typedef struct symrec symrec;

/* The symbol table: a chain of 'struct symrec'.     */
symrec *putsym (char *sym, int type);
symrec *getsym (char *sym);
void    create_sym_table ();
void    print_sym_table (void);
```